EDWARDS ANGELL PALMER-&-DODGE LLP-P. O. Box 55874

Docket No.

Boston, Massachusetts 02205

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROSTATIC SUCTION TYPE FLUID DISCHARGE DEVICE, ELECTROSTATIC SUCTION TYPE FLUID DISCHARGE METHOD, AND PLOT PATTERN FORMATION METHOD USING THE SAME which is described and claimed in:

[]	the specification attached hereto.
[]	the specification in U.S. Application Serial Number, filed on
[X] filed o	the specification in PCT international application Number, PCT/JP2004/011233 on August 5, 2004; and was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:				
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?	
2003-206962	August 8, 2003	Japan	[X] YES [] NO	
2003-206958	August 8, 2003	Japan	[X]YES [] NO	
2003-206970	August 8, 2003	Japan	[X] YES [] NO	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applic U.S.C. §120	ations or PCT Int	ternational Applications Des	ignating the	U.S-Benefi	t Under 35
	U.S. Applica	tions	Sta	tus (Check	One)
Application	Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
			<u> </u>		
PCT A	Applications Desig	gnating the U.S.			
Application No.	Filing Date	U.S. Serial No. Assigned			

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

ALL PRACTITIONERS ASSOCIATED WITH CUSTOMER NO. 21874

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO:
Edwards Angell Palmer & Dodge LLP P. O. Box 55874 Boston, Massachusetts 02205	·

_		L nm.v m	Trincryta	TAMPOUT NAME
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
		NISHIO	Shigeru	
2	RESIDENCE & CITIZENSHIP	СТТҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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1	POST OFFICE	Yamatokoriyama-shi POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
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Щ		1410-3-1-102, Koizumi-cho	Yamatokoriyama-shi	Nara 639-1042 Japan
2	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
2		IWASHITA	Hironobu	
	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP		Tolaro Jonen	Ionon
	noom orreror	DOOR OFFICE ADDRESS	Tokyo Japan	Japan STATE OR COUNTRY AND ZIP CODE
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		c/o KONICA MINOLTA		Tokyo 100-0005 Japan
		HOLDINGS, INC.		
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
\vdash	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
		YAMAMOTO	Kazunori	
2	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0 3	0.1.2.2.1.0.1.0		Tokyo Japan	Japan
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	A KONICA MINOLTA		T. 1 100 0005 T
		c/o KONICA MINOLTA	·	Tokyo 100-0005 Japan
		HOLDINGS, INC.		
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
		LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR	MURATA	Kazuhiro	
2	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0	CITIZENSHIP			1_
			Tokyo Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	c/o NATIONAL INSTITUTE OF		Tokyo 100-8921 Japan
		ADVANCED INDUSTRIAL		
		SCIENCE AND TECHNOLOGY		
		1-3-1, Kasumigaseki Chiyoda-ku		
	FILL NAME OF		FIRST NAME	MIDDLE NAME
	FULL NAME OF INVENTOR	LAST NAME	I MO I PAIVE	MADDLE HOME
2	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0	CITIZENSHIP			
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	1031 OFFICE ADDRESS		January Control of the Control of th
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
	DESCRIPTION OF THE PROPERTY OF		CTATE OR FOREIGN COUNTY	COUNTRY OF CELEBRATION
2	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
6				
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS		1	
l I	l			

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date: 2006, 1, 20	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

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Prior U.S. Application U.S.C. §120	ations or PCT Int	ternational Applications Des	ignating the	U.S-Benefi	t Under 35
	U.S. Applica	tions	Sta	tus (Check	One)
Application	Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
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PCT A	Applications Desig	gnating the U.S.			
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	·				

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·	I man a succession	1.00	I moom Name	
	FULL NAME OF INVENTOR		FIRST NAME	MIDDLE NAME
		NISHIO	Shigeru	
2	RESIDENCE & CITIZENSHIP	СГГҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0 1		Yamatokoriyama-shi	Nara Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		1410-3-1-102, Koizumi-cho	Yamatokoriyama-shi	Nara 639-1042 Japan
2	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
0 2	INVENTOR	IWASHITA	Hironobu	
	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP			
1			Tokyo Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		c/o KONICA MINOLTA	· ·	Tokyo 100-0005 Japan
		HOLDINGS, INC.		
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	HAVENIOK	УАМАМОТО	Kazunori	
	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0	CITIZENSHIP		Tolmin Innan	Ionon
3	POST OFFICE	POST OFFICE ADDRESS	Tokyo Japan	Japan STATE OR COUNTRY AND ZIP CODE
	ADDRESS		CHI	
	Ì	c/o KONICA MINOLTA		Tokyo 100-0005 Japan
	ļ	HOLDINGS, INC.		
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Ì	MURATA	Kazuhiro	
2 0	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
4	CITELNSIM		Tokyo Japan	Japan
	POST OFFICE	POST OFFICE ADDRESS	СПУ	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	CONTRIBUTE OF		Tokyo 100-8921 Japan
		c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL		10ky0 100-8921 Japan
	ĺ	SCIENCE AND TECHNOLOGY		
		1-3-1, Kasumigaseki Chiyoda-ku		
	FULL NAME OF		FIRST NAME	MIDDLE NAME
	INVENTOR			
	DEGENERAL S	COTTY	CTATE OR FOREIGN CONTINUE	COUNTRY OF CITATE SOUTH
2 0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
5				
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
	DECIDENCE A	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
2 0	RESIDENCE & CITIZENSHIP	CITY	STATE OF FOREIGN COUNTRY	COUNTRY OF CHIZZHORIP
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		I	<u> </u>	

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Signature of Inventor 201	Signature of Inventor 202 Hironabu Swashita
Date:	Date: January 16, 2006
Signature of Inventor 203 Xazunori Yaramoto	Signature of Inventor 204
Date: JAN 27, 2006	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

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	U.S. Applicat	tions	Status (Check One)		
Application	Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
			<u> </u>		
PCT A	pplications Desig	gnating the U.S.		<u> </u>	I
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Edwards Angell Palmer & Dodge LLP P. O. Box 55874 Boston, Massachusetts 02205	

	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR	NISHIO	Shigory	
	RESIDENCE &	СПУ	Shigeru State or foreign country	COUNTRY OF CITIZENSHIP
2 0	CITIZENSHIP	Vometelyaniyama shi	Nara Japan	Janan
1	POST OFFICE	Yamatokoriyama-shi POST OFFICE ADDRESS	CITY	Japan STATE OR COUNTRY AND ZIP CODE
	ADDRESS	1410 2 1 102 Kojavni obo	Yamatokoriyama-shi	Nara 639-1042 Japan
2	FULL NAME OF	1410-3-1-102, Koizumi-cho	FIRST NAME	MIDDLE NAME
0 2	INVENTOR			
	DECEMENCE &	IWASHITA	Hironobu STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	RESIDENCE & CITIZENSHIP	CHY		
			Tokyo Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		c/o KONICA MINOLTA HOLDINGS, INC.		Tokyo 100-0005 Japan
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR	УАМАМОТО	Kazunori	
2	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0 3	CITIZENSHIP		Tokyo Japan	Japan
	POST OFFICE	POST OFFICE ADDRESS	СІТУ	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	c/o KONICA MINOLTA HOLDINGS, INC.		Tokyo 100-0005 Japan
		6-1, 1- chome Marunouchi		
		Chiyoda-ku		
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
2	RESIDENCE &	MURATA	Kazuhiro STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0 4	CITIZENSHIP	CHY		
			Tokyo Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
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		ADVANCED INDUSTRIAL		
		SCIENCE AND TECHNOLOGY		
<u></u>	[1-3-1, Kasumigaseki Chiyoda-ku	TOTAL TOTAL OF	LAMBON E NAME
	FULL NAME OF INVENTOR	LASI NAME	FIRST NAME	MIDDLE NAME
2 0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
-	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
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Signature of Inventor 201	Signature of Inventor 202
Date:	Date:
Signature of Inventor 203	Signature of Inventor 204 Kennhiro Murafa Date: 20, January, 2006
Date:	Date: 20, January, 2006
Signature of Inventor 205	Signature of Inventor 206
Date:	Date: